

encourage multiple service offerings. Any market analysis should focus on specific service markets such as paging, asset tracking or remote meter reading. A focus on a system's ability to serve a nebulous "Little LEO market" is a red herring that ignores the true markets Little LEOs will serve. It is essential that the Commission license as many systems as possible from the current applicant pool to ensure maximum competition among service providers in the wide variety of markets that will be served by different types of Little LEOs. As the Commission has so wisely decided in numerous past proceedings, the public interest is best served when the Commission allows the marketplace to determine winners and losers.

V. The Commission Should Support Efforts to Obtain More Spectrum Allocations for NVNG MSS.

The frequencies below 1 GHz are already heavily used by the fixed, mobile, broadcasting and government services. Recognizing this environment, Little LEOs are designed to share frequencies with other users without causing interference to their operations. Sharing is accomplished using a number of different coordination techniques and transmission technologies. Currently, extensive studies are underway within the United States and the International Telecommunications Union to identify spectrum most suitable for the NVNG Mobile Satellite Service. It is important to note, however, that none of the existing or proposed allocations involve *exclusive* allocations. These allocations will be shared with other services.

Because Little LEOs must operate in bands already occupied by incumbent users, any licensing rules adopted for Little LEOs should promote sharing to the greatest extent possible. It is *essential* that any rules the Commission adopts focus on the need to promote sharing among systems and between services. Not only will this lead to a more efficient use of scarce spectrum resources, it will also assist NVNG MSS interests to obtain additional international allocations at WRC-97.

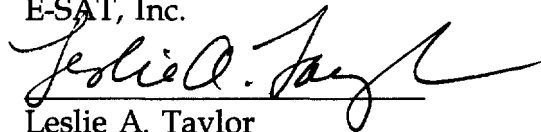
Each of the pending applicants participated in WRC-95 and continues to participate, to varying degrees, in preparations for WRC-97. The task of obtaining additional allocations for NVNG MSS is unlikely to be accomplished by any single company working alone. Rather, the greatest likelihood of success will come with a concerted effort among multiple companies working with the U.S. government toward the common goal of additional worldwide allocations for NVNG MSS. If the Commission limits the number of systems it licenses, it will decrease the chance of additional allocations by creating the appearance of decreased need for spectrum. This will harm not just the second round applicants, but also the current licensees who will likely look to additional allocations to expand their service offerings and system capacities.

VI. Conclusion

For the foregoing reasons, the Commission should adopt rules consistent with the proposals made in these Comments and move swiftly to license the pending processing round. In addition, the Commission should license any non-mutually exclusive applications as soon as rules for this service are adopted.

Respectfully submitted,

E-SAT, Inc.



By:

Leslie A. Taylor
Guy T. Christiansen
Leslie Taylor Associates, Inc.
6800 Carlynn Court
Bethesda, MD 20817

Its Attorneys

Dated: December 20, 1996

Certificate of Service

I, Andrew Taylor, do hereby certify that copies of the foregoing "Comments of E-SAT, Inc." were sent on this 20th day of December 1996, by first-class mail, postage prepaid to the following persons.

Thomas S. Tycz, Division Chief
Satellite & Radiocommunication
Division, International Bureau
Federal Communications Commission
2000 M Street, N.W. Room 811
Washington, D.C. 20554

Cecily C. Holiday
Deputy Division Chief
Satellite & Radiocommunication
Division
Federal Communications Commission
2000 M Street, N.W. Room 520
Washington, D.C. 20554

Harold Ng, Branch Chief
International Bureau
Federal Communications Commission
2000 M Street, N.W.
Room 512
Washington, D.C. 20554

Paula H. Ford
International Bureau
Federal Communications Commission
2000 M Street, N.W.
Room 502A
Washington, D.C. 20554

Donald H. Gips, Chief
International Bureau
Federal Communications Commission
2000 M Street, N.W. Room 830
Washington, D.C. 20554

Damon C. Ladson
Satellite & Radiocommunications Div.
International Bureau
Federal Communications Commission
2000 M Street, N.W. Room 803
Washington, D.C. 20554

James M. Talens
Satellite & Radiocommunications Div.
International Bureau
Federal Communications Commission
2000 M Street, N.W. Room 513
Washington, D.C. 20554

Joslyn Read
Satellite 7 Radiocommunications Div.
International Bureau
Federal Communications Commission
2000 M Street, N.W. Room 818
Washington, D.C. 20554

Karen Kornbluh
International Bureau
Federal Communications Commission
2000 M Street, N.W. Suite 800
Washington, D.C. 20554

Fern J. Jarmulnek
Satellite Policy Branch
International Bureau
Federal Communications Commission
2000 M Street, N.W. Room 518
Washington, D.C. 20554

Chairman Reed E. Hundt
Federal Communications Commission
1919 M Street, N.W. Room 814
Washington, D.C. 20554

Commissioner James H. Quello
Federal Communications Commission
1919 M Street, N.W. Room 802
Washington, D.C. 20554

International Transcription Services
2100 M Street, N.W.
Suite 140
Washington, D.C. 20037

Henry Goldberg
Joseph Godles
Goldberg, Godles, Wiener & Wright
1229 Nineteenth Street, N.W.
Washington, D.C. 20036

Philip V. Otero
GE American Communications, Inc.
Four Research Way
Princeton, NJ 08540-6644

Robert A. Mazer
Albert Schuldiner
Vinson & Elkins, L.L.P.
The Willard Office Building
1455 Pennsylvania Avenue, N.W.
Washington, D.C. 20004-1008

Bill Gamble
NTIA
Department of Commerce, Room 4099
14th & Constitution Avenue, N.W.
Washington, D.C. 20230

Commissioner Susan Ness
Federal Communications Commission
1919 M Street, N.W. Room 832
Washington, D.C. 20554

Commissioner Rachelle B. Chong
Federal Communications Commission
1919 M Street, N.W. Room 844
Washington, D.C. 20554

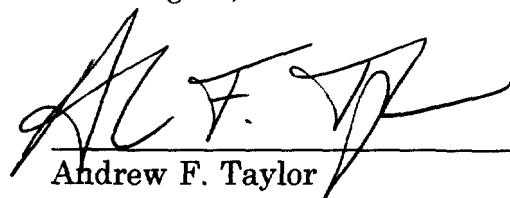
Albert Halprin, Esq.
Stephen L. Goodman
Halprin, Temple & Goodman
Suite 650 East
1100 New York Avenue, N.W.
Washington, D.C. 20005

Phillip L. Spector
Paul, Weiss, Rifkind, Wharton &
Garrison
1615 L Street, N.W. Suite 1300
Washington, D.C. 20036

Peter Rohrbach
Julie Barton
Hogan & Hartson
555 13th Street, N.W.
Washington, D.C. 20004

Scott Blake Harris
Gibson Dunn & Crutcher
1050 Connecticut Avenue, N.W.
Washington, D.C. 20036

William T. Hatch
NTIA
Department of Commerce, Room 4076
14th & Constitution Avenue, N.W.
Washington, D.C. 20230



Andrew F. Taylor